

ABSTRACT OF THE DISCLOSURE

The deformation characteristic of a profiled aerodynamic aircraft component is improved by forming ridges (6, 7) in the top and bottom skin (4, 5) of the component. Two ridges (6, 7) form a pair in which the bottom ridge (7) is at least partially nested in the top ridge (6) to the extent that the ridges are bonded to each other in a trailing edge area (9) of the component along a width (W) extending in the depth or y-direction of the component. The ridges taper from the trailing edge area (9) toward the leading edge (1) of the component and the forward ridge end (6A, 7A) merges into the respective skin at a point spaced from the leading edge. The ridges function as ribs and strengthen the component while making it flexible for minimizing the introduction of compulsion forces when the component is deflected.